



# State of Utah

## Department of Natural Resources

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas & Mining

JOHN R. BAZA  
Division Director

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

#### Representatives Present During the Inspection:

Company Guy Davis Environmental Scientist

OGM Pete Hess Environmental Scientist III

## Inspection Report

Permit Number:	C0150009
Inspection Type:	COMPLETE
Inspection Date:	Monday, November 13, 2006
Start Date/Time:	11/13/2006 2:00:00 PM
End Date/Time:	11/13/2006 4:00:00 PM
Last Inspection:	Monday, August 14, 2006

Inspector: Pete Hess, Environmental Scientist III

Weather: Cold; some clouds.

InspectionID Report Number: 1135

Accepted by: whedberg  
11/28/2006

Permittee: **PACIFICORP**

Operator: **ENERGY WEST MINING CO**

Site: **TRAIL MOUNTAIN MINE**

Address: **PO BOX 310, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

3,539.00	<b>Total Permitted</b>
10.69	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal  
☒ State  
☐ County  
☒ Fee  
☐ Other

#### Types of Operations

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Permittee continues to submit the required quarterly surface water monitoring information for the Trail Mountain permit area to the Division electronic web site. This includes UPDES data for the remaining outfalls.

The site remains in temporary cessation status.

There are no compliance actions pending.

Inspector's Signature: \_\_\_\_\_

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date Wednesday, November 15, 2006

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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## Inspection Continuation Sheet

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### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**4.a Hydrologic Balance: Diversions**

The inlet of the 16-inch culvert located east of the bath house facilities was observed to be capable of functioning. The Permittee had performed the maintenance required which was noted during the August 14, 2006 inspection.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The mine site pond was frozen. There were no compliance issues noted. The elevation of the ice is well below the primary discharge.

**10. Slides and Other Damage**

The Permittee has evaluated the shot-creted cliff face behind and adjacent to the main fan motor building. It was decided that the slab which is leaning against the small shed attached to the rear of the fan motor building will be left untouched, with the hope that it may collapse under its own weight. The Permittee made this decision, based upon determining that excessive damage may occur to the tin building, if an attempt was made to break the slab with equipment.

**16.a Roads: Construction, Maintenance, Surfacing**

The Permittee has pushed the access road in front of the Trail Mountain portals, clearing the highwall sloughage in order to improve access. Also, the grading of roads has occurred in several areas where erosive runoff has cut gullies. The area just SSW of the 600-ton truck loadout silo receives runoff volumes and wash material from the ancillary road accessing the Mine portals. These debris and water volumes make a 180-degree turn, reporting into the sediment pond. It was suggested that the Permittee install a berm between the toe of the ancillary road and the truck silo, such that the flow velocity will be slowed and the debris can drop from suspension; the water volume can report across the storage area to the ditch paralleling the chain link fence / east side disturbed area perimeter. Please reference TRAIL MOUNTAIN MINE SURFACE FACILITIES, PLATE 3-1 in the MRP.

**16.b Roads: Drainage Controls**

The Permittee has contacted the Emery County Road Department relative to sloping approximately fifty feet of County road to the opposite side above the parking area gate. As noted in the August, 2006 inspection report, off site road drainage is leaving the ditch on the west side of the Cottonwood Canyon road, reporting through the parking lot gate area, thence to the disturbed area diversions. Sediment from these flows blocks the Permittee's diversions, creating possible compliance issues. The Permittee has cleaned these several times, in order to remain in compliance. The ECRD has indicated that this work will be done in order to help the Permittee.